

#### 附件 4:

**合同编号:** 09G02-1019 (2)

**合同名称:** 开展废旧含汞光源回收处理试点 (二)

**合同期限:** 12 个月

**合同预算:** 不高于 100,000 美元

#### 合同目标:

- 开展废旧含汞光源的回收处理试点,探索废旧含汞光源回收模式,为建立我国废旧灯管回收体系提供借鉴。

#### 资质要求:

- 具有废旧灯管回收处理资质(或受委托处理的单位具备回收处理资质),年回收处理含汞光源能力达五十万只以上;
- 具有必备的废旧含汞光源回收设施、配套的经费投入;
- 了解国外废旧含汞光源产品回收处理情况,具有废旧产品回收处理经验;
- 具有良好的专家组织能力和废旧产品回收人员组织能力,能够充分调动社会资源帮助项目的顺利实施。

#### 主要任务:

- 开展本省(区、市)内的废旧产品回收体系调研,依托现有的废旧产品回收体系,研究提出本省(区、市)废旧含汞光源有偿回收方案,包括确定合理的回收价格、回收模式(如补贴电工来回收大宗用户的废旧含汞光源,通过奖励居委会的工作人员来推动社区回收等)、回收渠道、回收数量及经济效益分析等;
- 在社区、学校、办公楼、废旧产品回收点等场所配置基本的废旧含汞光源回收设施;
- 对回收人员进行培训,教授他们回收和运输含汞光源等基本技巧;
- 编印宣传画,并在学校、社区、办公楼等场所张贴,向消费者传递废旧含汞光源分类投放和集中回收的基础知识;
- 按照方案建立废旧含汞光源的回收体系,收集并处理含汞光源产品,对每个回收点收集的产品类型、数量、型号、品牌等进行记录;
- 配合评估专家对试点项目进行评估验收;
- 根据已制定的回收方案及回收试点运行情况,研究提出废旧含汞光源的可持续性回收方案及相关政策建议;
- 按要求提供项目实施计划书、项目任务分解表、时间进度表、预算分解表、自我监测计划,以及中英文的项目季度报告、年度报告、中(终)期报告;
- 完成国家实施机构交办的其他相关活动。

#### 主要成果:

- 项目初期,递交本省(区、市)废旧含汞光源有偿回收方案;
- 项目中期,递交项目中期报告,包括回收实施情况、回收设施配置情况、培训会会议纪要、宣传画、回收记录表等;
- 项目终期,递交项目终期报告,包括回收实施情况、回收设施配置情况、培

训会会议纪要、宣传画、回收记录表等；

- 项目终期，递交废旧含汞光源的可持续性回收方案及相关政策建议；
- 按要求递交项目执行自我监测报告、节能量测算报告、配套资金报告，以及中英文的项目季度报告、年度报告。

## Attachment 4

<b>Subcontract No.:</b>	09G02-1019 (2)
<b>Subcontract Title:</b>	Carry out Pilot Recycling Projects of Wasted Mercury-containing Lighting Products (II)
<b>Subcontract Duration:</b>	12 months
<b>Subcontract Budget:</b>	No more than US \$ 100,000

### Objective:

- Carry out pilot recycling projects of wasted mercury-containing lighting products, explore the recycling modes to provide relevant experiences for the establishment of wasted mercury-containing lighting products' recycling system.

### Qualification:

- Own hazardous waste recycling and processing qualification (or entrusted units own the qualification), and the annual recycling capacity of mercury-containing lighting products should be more than 500,000 pcs;
- Own the necessary recycling facilities and co-financing funds for recycling of mercury-containing lighting products;
- Have a good understanding of foreign recycling of mercury-containing lighting products, with rich experiences in recycling;
- With good organization ability of recycling experts and staffs, mobilize social resources to help the smooth implementation of the project.

### Main tasks:

- Carry out the research of local provinces (cities and municipalities) waste products' recycling system. Relying on the existing waste products' recycling system, study and propose the local province's (cities and municipalities) paid recycling program for wasted mercury-containing lighting products, including confirm reasonable price, recovery ways (such as subsidize the electrician to recycle the bulk users' wasted mercury-containing lighting products, reward neighborhood committee's staffs to promote communities' recycling), recycling channels, planning recycling volume, economic analysis and etc;
- Deploy the basic recycling facilities in the communities, schools, office buildings, and waste collection points;
- Train the recycling staffs to teach them basic skills of recovery and transportation of waste mercury-containing lighting products;
- Produce and print posters, putting them in schools, communities, office buildings and other places to tell the consumers that waste mercury-containing lighting products should be classified and centralized for recycling;
- In accordance with the program, establish mercury-containing recycling system, collect and recycle the waste mercury-containing lighting products, record every recycling points' collected products' information, including product kind, quantity, type, brand and etc;

- Assisting evaluating experts to assess and evaluate the pilot project;
- According to the process and recovery plan of recycling pilot project, study and propose the sustainable recovery plan and related policy recommendation for the waste mercury-containing lighting products;
- Provide project implementation plan, project task breakdown sheet, schedule, budget breakdown table, self-monitoring plan; and project quarterly report, annual report, interim report and final report both in Chinese and in English;
- Assisting National Implementing Agency with the completion of other related activities.

**Main Outputs:**

- Initially, submit the research report of the local province's (cities and municipalities) paid recycling program for wasted mercury-containing lighting products;
- In middle term, submit the interim project report, including the process of recovery implementation progress, recycling facilities' setting up, training minutes, posters, recycling records and etc;
- By the EOP, submit the final project report, including the process of recovery implementation progress, recycling facilities' setting up, training minutes, posters, recycling records and etc;
- By the EOP, submit the sustainable recovery plan and related policy recommendation of the waste mercury-containing lighting products;
- Self-monitoring report of project implementation, energy conservation evaluation report, co-financing report, project quarterly report, annual report both in Chinese and in English.